display process comprising:

dividing a calendar period into a plurality of display units displaying information, said display units formed in rows;

adjusting a length of the display units of each row to match the display unit in a respective row containing a largest size of information inside the display unit; and

displaying the display units with their corresponding information inside.

20. (ONCE AMENDED) A computer readable storage media storing a schedule display process comprising:

dividing a calendar period into a plurality of display units displaying information, said display units formed in columns;

adjusting a width of the display units of each column to match the display unit in a respective column containing a largest size of information inside the display unit; and

displaying the display units with their corresponding information inside.

21. (ONCE AMENDED) A computer readable storage media storing a schedule display process comprising:

dividing a calendar period into a plurality of display units displaying information, said display units formed in rows and columns;

adjusting a length of the display units of each row to match the display unit in a respective row containing a largest size of information inside the display unit;

adjusting a width of the display units of each column to match the display unit in a respective column containing a largest size of information inside the display unit; and

displaying the display units with their corresponding information inside.

REMARKS

In the Office Action the Examiner noted that claims 1-21 were pending in the application and the Examiner rejected all claims. By this Amendment, various claims have been amended and claims 2, 6 and 10 have been cancelled. Thus, claims 1, 3-5, 7-9, and 11-21 are pending in the application. The Examiner's rejections are traversed below.

The Specification

Page 1 of the specification has been amended in accordance with the Examiner's comment on page 2 of the Office Action.

The Prior Art Rejections

On pages 2 and 3 of the Office Action the Examiner rejected all claims under 35 U.S.C. §103 as unpatentable over U.S. Patent 5,745,110 to Ertemalp in view of U.S. Patent 6,380,953 to Mizuno.

The Prior Art

U.S. Patent 5,745,110 to Ertemalp is directed to a method and apparatus for arranging and displaying task schedule information in a calendar view format. For example, Figure 11, referenced by the Examiner, displays a calendar with task bars of varying size. However, the size of the task bars depends on the start and finish times for these tasks (see column 10, lines 35-52).

U.S. Patent 6,380,953 to Mizuno is directed to a method of display scrolling along a time base and an apparatus for performing the method. For example, Mizuno displays a calendar which adjusts row spacing based on an amount of jobs allocated to a given row (see Figure 5). However, this adjustment is based on a quantity outside of the units themselves (i.e,. the number of jobs selected for that row), and is not based on scheduled quantities inside the units.

The Present Claimed Invention Patentably Distinguishes Over the Prior Art

Claim 1

Referring, for example, to claim 1, in accordance with the present claimed invention, a layout control device forms a layout of a schedule table comprising rows and columns defining a layout. The layout is formed based on a schedule quantity inside a plurality of display units. A display control device controls display of the schedule table according to the layout. The layout control device forms the layout by adjusting the size of the rows or columns to accommodate the schedule quantity inside the plurality of display units. Therefore, in accordance with the present invention, the layout is adjusted based on quantities inside the plurality of display units. This

feature is not taught or suggested by Ertemalp or Mizuno. In Mizuno, adjustment of row spacing occurs based on a quantity outside the display units themselves (e.g., the number of jobs selected for that row) and not based on the scheduled quantity inside the plurality of display units.

In summary, it is submitted that the prior art does not teach or suggest:

> "a layout control device forming a layout of a schedule table comprising rows and columns defining the layout, the layout formed based on a schedule quantity inside a plurality of display units; and...
>
> wherein the layout control device forms the layout by adjusting a size of the rows or columns to accommodate the schedule quantity inside the plurality of display units."

Therefore, it is submitted that claim 1 patentably distinguishes over the prior art.

Claim 3 and 4

Claims 3 and 4 depend from claim 1 and include all of the features of that claim plus additional features which are not taught or suggested by the prior art. Therefore, it is submitted that claims 3 and 4 patentably distinguish over the prior art.

Claim 5

Referring to claim 5, it is submitted that the prior art does not teach or suggest the claimed schedule display control method which comprises:

"controlling a layout of a schedule table comprising rows and columns defining the layout, the layout formed based on a schedule quantity inside a plurality of display units; and

...wherein the layout control device forms the layout by adjusting a size of the rows or columns to accommodate the schedule quantity inside the plurality of display units."

Therefore, it is submitted that claim 5 patentably distinguishes over the prior art.

Claims 7 and 8

Claims 7 and 8 depend from claim 5 and include all of the features of that claim plus

additional features which are not taught or suggested by the prior art. Therefore, it is submitted that claims 7 and 8 patentably distinguish over the prior art.

Claim 9

Referring to claim 9, it is submitted that the prior art does not teach or suggest the claimed computer readable storage medium which performs the process of:

"controlling a layout of a schedule table comprising rows and columns defining the layout, the layout formed based on a schedule quantity inside a plurality of display units; and...

wherein the layout control device forms the layout by adjusting a size of the rows or columns to accommodate the schedule quantity inside the plurality of display units."

Therefore it is submitted that claim 9 patentably distinguishes over the prior art.

Claims 11 and 12

Claims 11 and 12 depend from claim 9 and include all of the features of that claim plus additional features which are not taught or suggested by the prior. Therefore, it is submitted that claims 11 and 12 patentably distinguish over the prior art.

Claim 14

Referring to claim 14, it is submitted that the prior art does not teach or suggest the claimed schedule display control device which comprises:

"a layout device dividing a calendar period into a plurality of display units displaying information, said display units formed in columns, and adjusting a width of the display units of each column to match the display unit in a respective column displaying a largest size of information inside the display unit; and a display device displaying the display units with their corresponding information inside."

Therefore, it is submitted that claim 14 patentably distinguishes over the prior art.

Claim 15

Referring to claim 15, it is submitted that the prior art does not teach or suggest the claimed schedule display device which comprises:

> "...said layout device adjusts a length of the display units of each
> row to match the display unit in a respective row displaying a
> largest size of information inside the display unit;
>
> said layout device adjusts a width of the display units of each
> column to match the display unit in a respective column displaying
> a largest size of information; and..."

Therefore, it is submitted that claim 15 patentably distinguishes over the prior art.

Claims 16-21

It is submitted that the prior art does not teach or suggest the features of independent claims 16-21 which are identified below:

> "adjusting a length of the display units of each row to match the
> display unit in a respective row displaying a largest size of
> information inside the display unit;" (claim 16)

> "adjusting a width of the display units of each column to match the
> display unit in a respective column displaying a largest size of
> information inside the display unit;" (claim 17)

> "adjusting a length of the display units of each row to match the
> display unit in a respective row containing a largest size of
> information inside the display unit;
> adjusting a width of the display units of each column to match the
> display unit in a respective column containing a largest size of
> information inside the display unit;" (claim 18)

"adjusting a length of the display units of each row to match the display unit in a respective row containing a largest size of information inside the display unit; and" (claim 19)

"adjusting a width of the display units of each column to match the display unit in a respective column containing a largest size of information inside the display unit;" (claim 20)

"adjusting a length of the display units of each row to match the display unit in a respective row containing a largest size of information inside the display unit;

adjusting a width of the display units of each column to match the display unit in a respective column containing a largest size of information inside the display unit;" (claim 21)

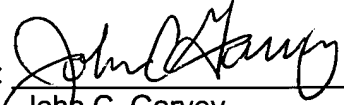Therefore, it is submitted that claims 16-21 patentably distinguish over the prior art.

Summary

It s submitted that none of the reference, either taken alone or in combination, teach the present claimed invention. Thus, claims 1, 3-5, 7-9 and 11-21 are deemed to be in a condition suitable for allowance. Reconsideration of the claims and early notice of allowance are earnestly solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: _December 2, 2002_ By: _____

John C. Garvey
Registration No. 28,607

700 Eleventh Street, NW, Suite 500
Washington, D.C. 20001
(202) 434-1500

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

Please AMEND the paragraph beginning at page 1, lines 2-3 with the following paragraph:

This Application is based on, and claims priority to, Japanese application 11-067429, filed [September 3, 1998] <u>March 12, 1999</u>, in Japan, and which is incorporated herein by reference.

IN THE CLAIMS:

Please CANCEL claims 2, 6 and 10.

Please AMEND the following claims:

1.   (ONCE AMENDED) A schedule display control device comprising:

a layout control device forming a layout of a schedule table <u>comprising rows and columns defining the layout, the layout formed</u> based on a schedule quantity [of] <u>inside</u> a plurality of display units; and

a display control device controlling display of the schedule table according to the layout<u>,</u>

<u>wherein the layout control device forms the layout by adjusting a size of the rows or columns to accommodate the schedule quantity inside the plurality of display units</u>.

3.   (AS UNAMENDED) The schedule display control device according to Claim 1, wherein:

the schedule quantity is a space required for a schedule in a row or a column with a largest number of items and/or the schedule requiring a largest display area, and

the layout control device forms the layout such that each display unit with the largest number of items and/or the schedule requiring the largest display area is displayed.

4.   (AS UNAMENDED) The schedule display control device according to Claim 1, wherein the display control device outputs data controlling the schedule table and the schedule display to a file of a format interpretable by another processing platform.

5.   (ONCE AMENDED) A schedule display control method which controls the display

of a schedule table, wherein said schedule display control method comprises:

controlling a layout of a schedule table <u>comprising rows and columns defining the layout, the layout formed</u> based on a schedule quantity [of] <u>inside</u> a plurality of display units; and

displaying the schedule table using the layout<u>,</u>

<u>wherein the layout control device forms the layout by adjusting a size of the rows or columns to accommodate the schedule quantity inside the plurality of display units</u>.

7. (AS UNAMENDED) The schedule display control method according to Claim 5, further comprising:

computing the schedule quantity from a display content quantity of the schedule in each row or each column with the largest number of items and/or the schedule requiring a largest display area; and

displaying the schedule requiring the largest display area.

8. (AS UNAMENDED) The schedule display control method according to claim 5, further comprising outputting the schedule table and the schedule display to a file of a format interpretable by another processing platform.

9. (ONCE AMENDED) A computer-readable storage medium performing the process of:

controlling a layout of a schedule table <u>comprising rows and columns defining the layout, the layout formed</u> based on a schedule quantity <u>inside</u> a plurality of display units; and

displaying the schedule table using the layout<u>,</u>

<u>wherein the layout control device forms the layout by adjusting a size of the rows or columns to accommodate the schedule quantity inside the plurality of display units</u>.

11. (AS UNAMENDED) The computer readable storage medium of claim 9 further comprising:

computing the schedule quantity from a display content quantity of the schedule in each row or each column with the largest number of items and/or the schedule requiring a largest display area; and

displaying the schedule requiring the largest display area.

12.   (AS UNAMENDED) The computer readable storage medium of claim 9 further comprising outputting the schedule table and the schedule display to a file of a format interpretable by another platform.

13.   (ONCE AMENDED) A schedule display control device comprising:
a layout device dividing a calendar period into a plurality of display units [containing] displaying information, said display units formed in rows, and adjusting a length of the display units of each row to match the display unit in a respective row [containing] displaying a largest size of information inside the display unit; and
a display device displaying the display units with their corresponding information inside.

14.   (ONCE AMENDED) A schedule display control device comprising:
a layout device dividing a calendar period into a plurality of display units [containing] displaying information, said display units formed in columns, and adjusting a width of the display units of each column to match the display unit in a respective column [containing] displaying a largest size of information inside the display unit; and
a display device displaying the display units with their corresponding information inside.

15.   (ONCE AMENDED) A schedule display control device comprising:
a layout device dividing a calendar period into a plurality of display units [containing] displaying information, said display units formed in rows and columns;
said layout device adjusts a length of the display units of each row to match the display unit in a respective row [containing] displaying a largest size of information inside the display unit;
said layout device adjusts a width of the display units of each column to match the display unit in a respective column [containing] displaying a largest size of information; and
a display device displaying the display units with their corresponding information inside.

16.   (ONCE AMENDED) A schedule display method comprising:
dividing a calendar period into a plurality of display units [containing] displaying information, said display units formed in rows;
adjusting a length of the display units of each row to match the display unit in a respective row [containing] displaying a largest size of information inside the display unit; and

displaying the display units with their corresponding information inside.

17.   (ONCE AMENDED) A schedule display method comprising:

dividing a calendar period into a plurality of display units [containing] displaying information, said display units formed in columns;

adjusting a width of the display units of each column to match the display unit in a respective column [containing] displaying a largest size of information inside the display unit; and

displaying the display units with their corresponding information inside.

18.   (ONCE AMENDED) A schedule display method comprising:

dividing a calendar period into a plurality of display units [containing] displaying information, said display units formed in rows and columns;

adjusting a length of the display units of each row to match the display unit in a respective row containing a largest size of information inside the display unit;

adjusting a width of the display units of each column to match the display unit in a respective column containing a largest size of information inside the display unit; and

displaying the display units with their corresponding information inside.

19.   (ONCE AMENDED) A computer readable storage media storing a schedule display process comprising:

dividing a calendar period into a plurality of display units [containing] displaying information, said display units formed in rows;

adjusting a length of the display units of each row to match the display unit in a respective row containing a largest size of information inside the display unit; and

displaying the display units with their corresponding information inside.

20.   (ONCE AMENDED) A computer readable storage media storing a schedule display process comprising:

dividing a calendar period into a plurality of display units [containing] displaying information, said display units formed in columns;

adjusting a width of the display units of each column to match the display unit in a respective column containing a largest size of information inside the display unit; and

displaying [a] the display units with their corresponding information inside.

14

21.   (ONCE AMENDED) A computer readable storage media storing a schedule display process comprising:

dividing a calendar period into a plurality of display units [containing] displaying information, said display units formed in rows and columns;

adjusting a length of the display units of each row to match the display unit in a respective row containing a largest size of information inside the display unit;

adjusting a width of the display units of each column to match the display unit in a respective column containing a largest size of information inside the display unit; and

displaying the display units with their corresponding information inside.